

Publication List

1. Detecting phase transitions and crossovers in Hubbard models using the fidelity susceptibility
Li Huang, **Yilin Wang**, Lei Wang, and Philipp Werner, Phys. Rev. B 94, 235110 (2016)
2. Strong Charge and spin fluctuations in La₂O₃Fe₂Se₂
Guangxi Jin, **Yilin Wang**, Xi Dai, Xinguo Ren, and Lixin He, Phys. Rev. B 94, 075150 (2016)
3. Doping-driven orbital-selective Mott transition in multi-band Hubbard models with crystal field splitting
Yilin Wang, Li Huang, Liang Du, Xi Dai, Chin. Phys. B, 25 (3):037103 (2016)
4. Orbital-Selective Mott Transition and Evolution of the Zhang-Rice State in Cubic Phase UO₂ Under Pressure
Li Huang, **Yilin Wang**, Philipp Werner, arXiv: 1506.06548 (2015)
5. Interaction-induced quantum anomalous Hall phase in (111) bilayer of LaCoO₃
Yilin Wang, Zhijun Wang, Zhong Fang, Xi Dai, Phys. Rev. B 91, 125139 (2015)
6. iQIST: An open source continuous-time quantum Monte Carlo impurity solver toolkit
Li Huang, **Yilin Wang**, Zi Yang Meng, Liang Du, Philipp Werner, Xi Dai
Comput. Phys. Commun. 195, 140 (2015)
7. Acceleration of the Stochastic Analytic Continuation Method via an Orthogonal Polynomial Representation of the Spectral Function
Quan-Sheng Wu, **Yi-Lin Wang**, Zhong Fang, Xi Dai,
Chinese Phys. Lett. 30, 090201 (2013)
8. Pressure-driven orbital selective insulator-to-metal transition and spin-state crossover in cubic CoO
Li Huang, **Yilin Wang**, and Xi Dai, Phys. Rev. B 85, 245110 (2012)
9. Dynamical screening in strongly correlated metal SrVO₃
Li Huang, and **Yilin Wang**, EPL 99, 67003 (2012)